

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1

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PROPOSED STATE STANDARD,
TITLE 8, DIVISION 1, CHAPTER 4

Amend Section 3412 to read as follows:

§3412. General.

(a) Scope. This Article applies to all elevated outdoor advertising structures, billboards, signboards or other such structures where employees are required to work from platforms elevated more than 7-1/2 feet above the ground or other surface, suspended scaffolds, or work from ladders that are not ground supported. Employees working on outdoor advertising structures are subject to all applicable safety orders except where they are inconsistent with the requirements of this Article.

NOTE: For the construction of billboards and other related structures see the Construction Safety Orders.

(b) Definitions.

Poster Ladder Scaffold. A scaffold platform supported by brackets attached to the rungs of a special purpose poster ladder.

Special Purpose Poster Ladder. A Type 1 industrial heavy-duty or Type 1A industrial extra heavy-duty ~~aluminum~~ ladder with a hook(s) at the top of the ladder specifically designed to hook over the top edge of billboards. A “Type 1 industrial heavy-duty ladder” has a working load capacity of 250 pounds and a “Type 1A industrial extra heavy-duty ladder” has a working load capacity of 300 pounds.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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PROPOSED STATE STANDARD,
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Amend Section 3413 to read as follows:

§3413. Ladders.

(a) All portable ladders shall be at least Type 1 industrial heavy-duty or Type 1A industrial extra heavy-duty ladders as shown in subsection (c) of this section, and shall be designed and constructed in accordance with Sections 3278 and 3279 of the General Industry Safety Orders.

(b) Portable ladders shall be tied, blocked or otherwise secured to prevent displacement.

(c) All special purpose poster ladders ordered or purchased after January 1, 1993, shall be approved, Type 1 industrial heavy-duty or Type 1A ~~constructed of industrial extra heavy duty ladders aluminum, and~~ equipped with a hook(s) at the top of the ladder that fits securely over the top edge of billboards.

(d) All special purpose poster ladders ordered or purchased after January 1, 1993, shall have a permanent and durable label containing the following information:

1. Manufacturer's Name;
2. Date of Manufacturer;
3. Type and/or Duty Rating;
4. Approval Certification.

(e) All special purpose poster ladders shall be inspected for defects prior to use. Defective ladders shall be repaired before use or removed from service.

(f) All special purpose poster ladders placed in service prior to January 1, 1993, shall be identified by the employer with a durable identification mark.

(g) The hooks on the special purpose poster ladders shall be of such a size that they will not interfere with the horizontal movement of the ladder.

(h) In addition to subsection (b) above, special purpose poster ladders, when used in conjunction with poster ladder scaffolds, shall be secured to prevent horizontal movement.

(i) Special purpose poster ladders used to access the fixed ladder of the billboard platform shall not be attached to the bottom rung of the fixed ladder. If a special purpose poster ladder is positioned against the platform to gain access, the ladder shall extend at least three feet above the horizontal edge of the platform.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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PROPOSED STATE STANDARD,
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Amend Section 3414 to read as follows:

§3414. Poster Ladder Scaffolds.

- (a) Poster ladder scaffolds shall only be used with special purpose poster ladders designed for such use.
- (b) No more than two employees at a time shall be allowed on the platform of a poster ladder scaffold.
- (c) The platform shall be at least 14 inches wide consisting of a structural plank or equivalent, free from damage that could affect its strength.
- (d) The ladders that support the platform plank shall not be placed over 16 feet from center to center, and where the platform consists of a single-dressed 2-inch by 14-inch plank, the spacing shall not be greater than 12 feet.
- (e) Both metal and wood platform planks shall overlap the bearing surface of the supports by at least 12 inches but not more than 18 inches.
- (f) Platform plank supports shall be so designed and constructed that they will bear on the ladder's rungs. The bearing area shall be at least 8 inches on each rung.
- (g) When working from a poster ladder scaffold, employees shall use ~~safety belts or~~ full body harnesses with:
 - (1) lanyards attached to independently anchored safety lines; or
 - (2) self retracting lifelines attached to approved anchorages.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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PROPOSED STATE STANDARD,
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Amend Section 3416 to read as follows:

§3416. Fall Protection.

(a) On All outdoor advertising structure platforms, over 7-1/2 feet above ground or other surface, which are not provided with standard guardrails, employees shall be provided with and required to use approved personal fall protection, and where employees' work requires horizontal movement at such heights, shall be provided with a horizontal safety line shall be provided.

EXCEPTION: When the employee's safety belt or harness lanyard is secured to the special purpose poster ladder, a horizontal safety line need not be provided.

(b) The horizontal safety line shall be designed under the supervision of a professional engineer currently registered in the State of California and installed as part of a complete personal fall protection system, with a safety factor of at least two.

(c) Outdoor advertising structures, where employees post billboards while working from special purpose poster ladders, shall be provided with one of the following:

(1) A ~~removable~~ horizontal safety line so located on the billboard that employees can attach their ~~safety belt's or fall arrest~~ harness' lanyard when working from the upper half of the ladder, or

(2) A 1/4-inch improved plow steel cable 19 inches in length with 4-inch swagged loops on each end. The steel cable shall be looped through the special purpose hooked ladder with the lanyard's snaphook attached to both loops of the cable. Other locking connectors of equivalent strength, such as carabiners, may be used in lieu of the 1/4-inch improved plow steel cable.

(d) Lanyards shall include a shock absorber and shall not exceed 5 6 feet in total length.

EXCEPTION: Self-retracting lifelines used in accordance with this Article.

(e) Self-retracting lifelines may be used in conjunction with special purpose Type 1 industrial heavy-duty or Type 1A industrial extra heavy-duty ladders or where attached to an approved anchorage.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.